What is claimed is:

1. A method of forming a honeycomb sandwich composite panel comprising the steps of:

stacking a dry fabric on both sides of a honeycomb core with a thermosetting sealing material having an adhesive property placed in between;

heating said sealing material and said dry fabric at the curing temperature of said sealing material to cause initial hardening of said sealing material and to dry said dry fabric;

impregnating said dry fabric with a thermosetting resin; and

hardening the resin impregnated into said dry fabric by hot-pressing an entire assembly thus prepared under specific conditions.

2. A method of forming a honeycomb sandwich composite panel comprising the steps of:

stacking a dry fabric on both sides of a honeycomb core with a thermosetting sealing material having an adhesive property placed in between;

hardening said sealing material by heating said sealing material and said dry fabric to the curing temperature of said sealing material and maintaining this temperature for a specified period of time;

impregnating said dry fabric with a thermosetting resin while varying the temperature of said sealing material and said

dry fabric to a resin impregnating temperature and maintaining this temperature for a specified period of time; and

hardening the resin impregnated into said dry fabric by heating said sealing material and said dry fabric to the curing temperature of said thermosetting resin and hot-pressing them for a specified period of time.

3. The method of forming the honeycomb sandwich composite panel as defined in claim 1 ~~or 2~~, wherein said sealing material is a laminated film formed by laminating a plurality of thermosetting resin films in which glass microbaloons are mixed.

4. The method of forming the honeycomb sandwich composite panel as defined in claim 1 ~~or 2~~, wherein said sealing material is a laminated film formed of at least two thermosetting adhesive films and a carrier material placed between the thermosetting adhesive films.

5. The method of forming the honeycomb sandwich composite panel as defined in claim 1 ~~or 2~~, wherein said sealing material is a laminated film formed of at least two thermosetting adhesive films and a thermosetting resin film placed between the thermosetting adhesive films, with glass microbaloons mixed in the thermosetting resin film.

6. The method of forming the honeycomb sandwich composite panel as defined in claim 1 ~~or 2~~, wherein said sealing material

is a laminated film formed by laminating a plurality of thermosetting adhesive films.

7. The method of forming the honeycomb sandwich composite panel as defined ~~in one of~~ claims 1 ~~to 6~~, wherein said sealing material is hardened at a temperature lower than the curing temperature of the impregnating resin.

8. The method of forming the honeycomb sandwich composite panel as defined ~~in one of~~ claims 1 ~~to 6~~, wherein said sealing material is hardened at a temperature equal to or higher than the curing temperature of the impregnating resin.

9. The method of forming the honeycomb sandwich composite panel as defined ~~in one of~~ claims 1 ~~to 6~~, wherein said sealing material is hardened at a temperature equal to or higher than the curing temperature of the impregnating resin.